

**INTRODUCTION**

**GBR851A: LED DOWNLIGHT**

**FEATURE**

- LED Modular Structure
- Optimized Antiglare Lighting Design
- Direct Lighting and Indirect Lighting
- Long Lifespan Design >50,000hours
- Working Temperature: -20℃~40℃

**MATERIAL & FINISH**

- LED Brand: LUMINUS & GUBO
- Remote Flicker-free Driver Brand: GUBO
- Housing: Die-casted Aluminum
- Optics: High Efficiency Lens

**INSTALLATION**

- Suitable for Interior Ceiling Light, like Hotel.....
- Suitable for Garden, Park, Plaza.....

- [FFS]: Flush Surface Mounted
- [FPS]: Stem Pendant
- [FPC]: Catenary Pendant
- [FJP]: Fixing Plate on JBOX/Outlet Box
- [FFT]: Table&Floor Standing

**NOTES:** Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

**STANDARD**

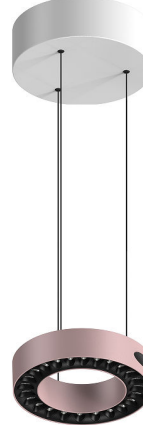
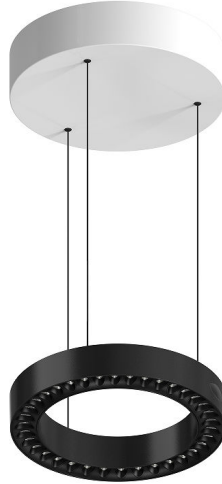
- Designed and Manufactured to Comply with CE/RoHS/EMF/TUV/CB/SAA/Erp/cUL/FCC
- IP20 Protection, Class II Electric

**OPTION**

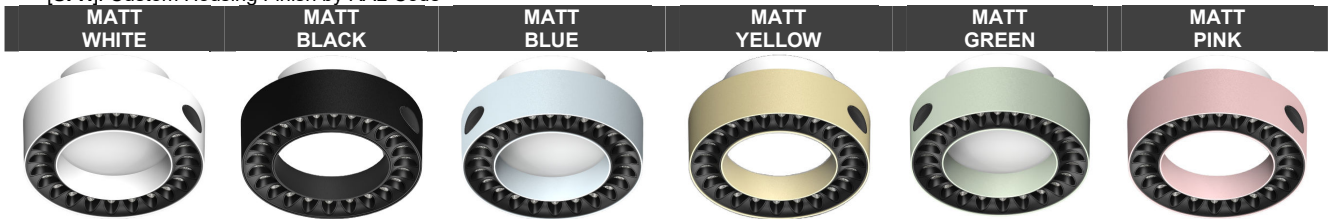
- LED CCT: 1,800K~10,000K/R/G/B/Y/RGBW
- [CRI]: [E] RA80, [G] RA90, [H] RA97(RG0)
- [SFH]: Custom Housing Finish by RAL Code



[FFW] (MCH305A)	[FPW] (MCH215A)	[FFS] (MCH215A)
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[FFS]  
(MCH215A)



MODEL	POWER [W]	LED TYPE	CCT [K]		CRI	LUMEN [LM]		POWER FACTOR	BEAM ANGLE	CUSTOM DIMMING	INPUT [V]
			[DOWN]	[UP]		[DOWN]	[UP]				
GBR851A-MCA215A	[DOWN] 24W	[DOWN] 24x2W SMD3030	G2700K	RA90	2210	1100	>0.9	BL90D	[CDN]:Non-Dim [CDT]: TRIAC(10%) [CDV]:0/1~10V(8%) [CDV0]:0~10V(1%) [CDV1]:1~10V(10%) [CDA]:DALI(1%) [+CDP]:PWM(1%) [CDX]:DMX512(1%) [CRZ]:ZIGBEE(1%) [CRF]:2.4G RF(1%) [CRB]:Bluetooth(1%) [CDS]:SPI(1%)	AC100~277V [AC220~240V] [AC100~240V] [AC100~347V] 50/60Hz	
			G3500K	RA90	2350	1180					
			G4000K	RA90	2490	1250					
			G5000K	RA90	2490	1250					
			G6500K	RA90	2490	1250					
			H2200K	RA97	1540	770					
	[UP] 12W	[UP] 24x2W SMD3030	H2500K	RA97	1710	860	>0.9				
			H2700K	RA97	1810	900					
			H3000K	RA97	1930	960					
			H3500K	RA97	1930	960					
			H4000K	RA97	2060	1030					
			H5000K	RA97	2060	1030					
			H5700K	RA97	2060	1030					
			H6500K	RA97	2060	1030					
2C@36W	TWH	H2700K	H6000K	RA97	1200	600	>0.9				
4C@36W	RGBW	620nm 520nm 465nm G2700K	\	1200	600	>0.9					
GBR851A-MCA305A	[DOWN] 40W	[DOWN] 36x2W SMD3030	G2700K	RA90	3690	1850	>0.9				
			G3000K	RA90	3920	1960					
			G3500K	RA90	3920	1960					
			G4000K	RA90	4150	2080					
			G5000K	RA90	4150	2080					
			G6500K	RA90	4150	2080					
	[UP] 20W	[UP] 36x2W SMD3030	H2200K	RA97	2720	1360	>0.9				
			H2500K	RA97	3020	1510					
			H2700K	RA97	3180	1590					
			H3000K	RA97	3420	1710					
			H3500K	RA97	3420	1710					
			H4000K	RA97	3650	1820					
			H5000K	RA97	3650	1820					
			H5700K	RA97	3650	1820					
H6500K	RA97	3650	1820								
2C@60W	TWH	H2700K	H6000K	RA97	2000	1000	>0.9				
4C@60W	RGBW	620nm 520nm 465nm G2700K	\	2000	1000	>0.9					

**NOTE:**

All parameters are measured at 25℃ ambient temperature, 35% humidity experimental environment. Tolerances of power and luminous flux are ±10%, tolerance of color rendering index is ±5.

**[FFS] Flush Surface Mounted**

**DIMENSION: [UNIT: MM]**

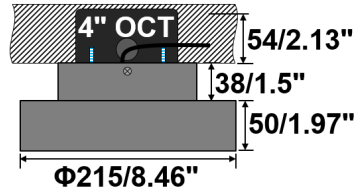
**NOTES:**

Custom Installation and Accessories Referred to Another Catalogue of Fixing Kits.

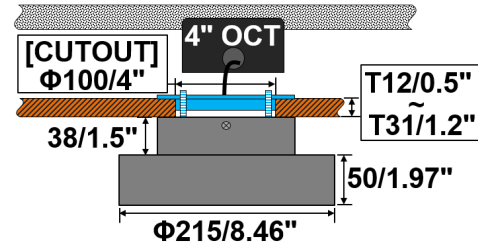
(MCA215A)

**[FPW]-[FJP]**  
Fixed by Expansion Bolts into Solid Ceiling  
Available Fixed on JBOX 4" Octagon

**CASE STUDY:**



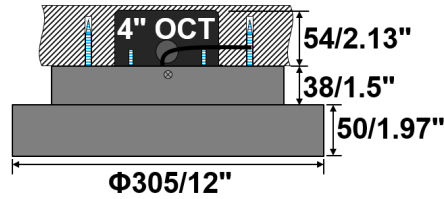
**[FPW]-[FRF]**  
Fixed by Recessed Fixture Bolts into False Ceiling



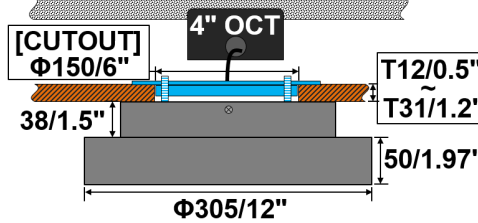
(MCA305A)

**[FPW]-[FNE]**  
Fixed by Expansion Bolts into Solid Ceiling  
Available Fixed on JBOX 4" Octagon

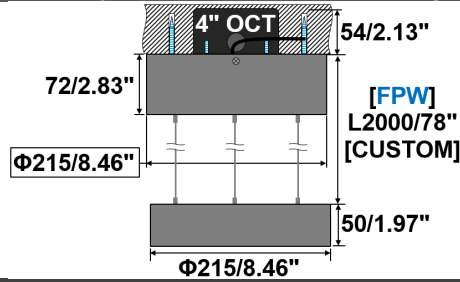
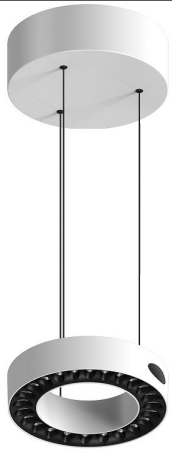
**CASE STUDY:**



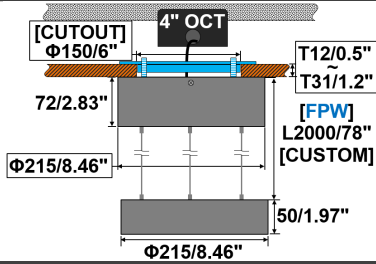
**[FPW]-[FRF]**  
Fixed by Recessed Fixture Bolts into False Ceiling



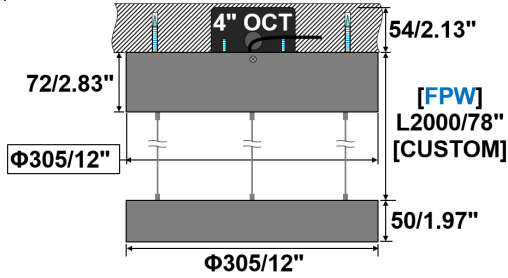
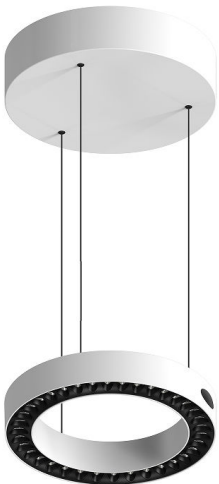
<b>[FPW] Wire Pendant</b>		<b>DIMENSION: [UNIT: MM]</b>
<b>NOTES:</b>	Custom "Pendant" Installation and Accessories Referred to Another Catalogue of Fixing Kits.	
<b>(MCA215A)</b>	<b>[FPW]-[FNE]</b> Fixed by Expansion Bolts into Solid Ceiling	<b>CASE STUDY:</b>



**[FPW]-[FRF]**  
Fixed by Recessed Fixture Bolts into False Ceiling



<b>(MCA305A)</b>	<b>[FPW]-[FNE]</b> Fixed by Expansion Bolts into Solid Ceiling	<b>CASE STUDY:</b>
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**[FPW]-[FRF]**  
Fixed by Recessed Fixture Bolts into False Ceiling

